

# Jaume Amengual

Assistant Professor in Personalized Nutrition

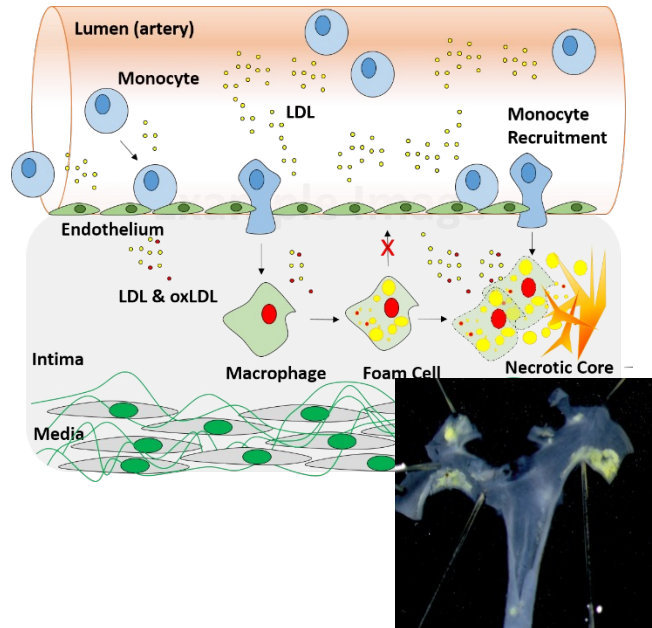
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Cardiometabolic diseases such as atherosclerosis, obesity, and liver steatosis are the leading cause of death worldwide. We study the role of nutrition and the molecular mechanism(s) driving these cardiometabolic diseases. We primarily use preclinical models such as mice and primary cell cultures.



## Research Interests

- Carotenoids, vitamin A, and carotenoid-cleaving enzymes
- Biodistribution of carotenoids
- Vitamin A and immune cell regulation
- Sex hormones, and HIV and atherogenesis
- Sex-specific and genetics differences and the effect of disease prevention

## Current Projects

- Beta-carotene in atherosclerosis and obesity
- HIV in atherogenesis
- Role of lipoproteins in carotenoid lipid transport

## Interest Areas for Collaboration/Future Work

Dr. Amengual is interested in collaborating with researchers focused on human studies and with expertise in genetics and genomics.

## Keywords

Cardiometabolic diseases, personalized nutrition, carotenoids, vitamin A, metabolism, obesity, atherosclerosis